



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.4114
Job Sheet 202884



Part No: 647.4114

Job Qty: 20 pcs

DAS
21
9-89

Part Name: Shim



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/5/19

Job Tracking No:

Due Date: 12/18/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV N/C3 SHEET 4 IPP REV:A 12.10.26 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Waterjet - Flow - 1	20 pcs	12/18/19	12/18/19	0.17	0.36	Waterjet - Flow		JRB
120	QC 2	20 pcs	12/18/19	12/18/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		

Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S234778

Part: 647.4114

Job No: 202884

Serial No/Batch: S234778

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/25/19

130 QC 8	20 pcs	12/18/19	0.00 0.00	QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	JRB
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	MMV 2 6 2019
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
140 Outsource - 4 - Anodize	20 pcs	12/18/19		ATG001-VC	HY 2019-11-27
150 Packaging 2-1 - Receive - B4B	20 pcs	12/18/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	SP DEC 1 2 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	

				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
160 QC 6	20 pcs	12/18/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
				QC 6 - 81	
190 Packaging 3-1 - Stock - B4B	20 pcs	12/18/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	

DAS

81

9-89

				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	DEC 1 6 2019
				Packaging 3 - 36 - B4B	<i>Danh</i>

200 QC 21 - SA	20 pcs	12/18/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	<i>DAS</i>
				QC 21 - SA - 53	<i>21</i> DEC 1 6 2019

Part Op 110 - 1-Cut as per Dwg Dwg Rev: *N/C* Prog Rev: *N/C* 2-Deburr if necessary
Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)
130 - (QC8- Inspect parts - second check)
140 - Issue P/O *45230* ATG, black anodize and prime as per dwg 647.4114 Rev. N/C
150 - (Receive & Inspect for Damage & Mat'l Certs)
160 - (QC6- All purchased or subcontracted products)
190 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***
200 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.063	2024-T3 .063 Sheet	.6560 sf (.0328 ea)	110-Waterjet - Flow - 1	<i>5216341</i>

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Waterjet - Flow - 1	M2024T3S.063	1	114	0

CCK112

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Shim	4.800inches ± 0.030	4.830 4.770	4.797	
2	Shim	0.984inches ± 0.010	0.994 0.974	0.987	
3	Shim	0.063inches ± 0.010	0.073 0.053	0.066	

Plex 11/5/19 9:20 AM Dart.lajeunesse.marie

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)			
Description Work Order Deviation				Disposition			
Root Cause Operator Manufacturing Process Equip/Tooling Handling/Preservation Material Product Improvement Process Improvement Human Factors				FAULT CATEGORY Pressure/Forced Bending Crushing Cracks Crimp/Kink/Ripple/Wave/Twist Marks/Chatter Mislabeled Other/Details: Contamination Misaligned/off center BOM/Route Broken/Damage/Defect Incomplete/Unclear Instructions Drill Holes Fit/Function Power Loss/Surge Folio/Program Grain Direction Weld Wrong Stock Pulled Out of Sequence Off-set/Set-up Positioned Wrong Outside Tolerance Drawing Finish Part Lost/Missing Misread			
Completed By				Lead hand / Supervisor			
				QC / QA Coordinator			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB045230



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045230
PO Date: 11/27/19
Due Date: 12/13/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pynt Terms: Net 60
Freight Terms:
Special Comments:

2019-12-05

2019-12-05

Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	203274	646.3810	646.3800 Rev A	Bracket : Various STC's Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8825 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	12/6/19	20 pcs	0 pcs	20 pcs	\$7.72/pcs	\$154.40
Line Item Note: Need by Dec 6												
2	203276	646.3813	646.3800 Rev A	AS350 Strut Bracket : Various STC's Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8825 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	12/13/19	20 pcs	0 pcs	20 pcs	\$7.27/pcs	\$145.40



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PURCHASE ORDER POHB045230



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	202758	D5589-2	D5589 Rev B	Gusset, Outboard RH : Various STC's Issue P/O: _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589 2- Prime Grey as per Dwg. QSI005 4.2.1.3.2 Certification of Conformity is required.	Firmed	-	12/13/19	8 pcs	0 pcs	8 pcs	\$7.27/pcs	\$58.16
4	203255	647.2011	647.2000 Rev N/C	Lower Strut : Various STC's Issue P/O: _____ ANODIZE AS PER DWG Finish: HARD ANODIZE IAW MIL- A-8625 TYPE III, CLASS 2, COLOUR BLACK PRIME IAW MIL- P-23377J TYPE I CLASS N	Firmed	-	12/6/19	4 pcs	0 pcs	4 pcs	\$14.57/pcs	\$58.28
5	200191	D5580-1	D5580 Rev A	Shim, Cable Cutter : Various STC's Issue P/O: _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5580 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	-	12/2/19	12 pcs	0 pcs	12 pcs	\$7.02/pcs	\$84.24
6	203272	646.3716	646.3700 Rev A	Gauge Bracket : Various STC's Issue P/O to ATG : _____ As per drawing 646.3700 RevA: - Hard Anodize MIL-A-8625 Type III, Class 2, Colour Black - Cardinal 4860-50 Pretreatment Prime - Prime IAW MIL-P-23377 J Type I Class N	Firmed	-	12/13/19	25 pcs	0 pcs	25 pcs	\$7.32/pcs	\$183.00
7	202884	647.4114	647.4100 Rev N/C	Shim : Various STC's Issue P/O _____ ATG, black anodize and prime as per dwg 647.4114 Rev. N/C	Firmed	-	12/13/19	18 pcs	0 pcs	18 pcs	\$7.42/pcs	\$133.56
Grand Total:												\$817.04

Guerin



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PURCHASE ORDER
POHB045230



Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)

- A022 Apical Processing
- A024 process certifications
- A026 certification of material conformance

- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

- A048 counterfeit parts avoidance, detection, mitigation and disposition program

- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/5/19 8:51 AM Dart.Guerin.Kimberley



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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

SUBCONTRACT SHIPPER

SUBCONTRACT SHIP TO

Ship To: A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2 Canada
Phone: 613-446-4544 Fax: 613-446-4556

SHIPPER

Shipper No: 1763
Shipper Date: 11/27/19
Carrier: *
Ship Via:
Vehicle Reg:
Note:
Freight Terms:

Part Information

Part No: 646.3716 Name: Gauge Bracket
Cust Part No: 646.3716 Product Family: Cable Cutters
Reference No: Piece Weight: 0 lbs
Part Information Note: DWG REV A SHEET 7 IPP REV:A 12.10.22 NEW Alloy Type:
ISSUE DD VERF:JLM Alloy - Temper: -
Drawing No: Description: Various STC's
Program: Quantity:
Program Customer:
Addl Docs:
Commercial: Product Line: Cable Cutters - Spare
Primary OEM Application: Generic
Manufacturer: DART
Sales Lead Time: 5 weeks
Business Segment: Mission - Utility & Other
Advertised on web?: Yes

OPERATION

Operation: Outsource - 4 - Anodize - 160
Description: (Outsource process-Anodize per QSI017 4.1.10.1)
Issue P/O to ATG : _____
Note:

DETAIL

Part	Operation	PO	Job	Container	Heat Code	Net Weight (lbs)	Gross Weight (lbs)	Quantity
646.3716	Outsource - 4 - Anodize (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : _____	POHB045230	203272	S233890		0	0	25
646.3810	Outsource - 4 - Anodize Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760- 4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	POHB045230	203274	S233924		0	0	20
646.3813	Outsource - 4 - Anodize Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760- 4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	POHB045230	203276	S234869		0	0	20
647.2011	Outsource - 4 - Anodize Issue P/O: _____ ANODIZE AS PER DWG Finish: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS	POHB045230	203255	S234356		0	0	4



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919190

Date: 10-Dec-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
20 ea	Part: 646.3810 Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot# 5195271 Job: 26524 PO: POHB045230	Rev: A	Expiry Date: 10/31/2020 Line: 1
20 ea	Part: 646.3813 AS350 Strut Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot# 5195271 Job: 26525 PO: POHB045230	Rev: A	Expiry Date: 10/31/2020 Line: 2
4 ea	Part: 647.2011 Lower Strut Hard Anodize per MIL-A-8625F, Type III, Class2, Black, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6-.9 mils) per drawing Batch/Lot# 5195271 Job: 26527 PO: POHB045230	Rev: NC	Expiry Date: 10/31/2020 Line: 4

Made in Canada.

RECEIVED

DEC 11 2019

DART AEROSPACE LTD.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919190

Date: 10-Dec-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
25 ea	Part: 646.3716 Gauge Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9mils) per drawing. Batch/Lot#: 5195271 Job: 26529 PO: POHB045230	Rev: A	
18 ea	Part: 647.4114 Shim Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9mils) per drawing. Batch/Lot#: 5195271 Job: 26530 PO: POHB045230	Rev: N/C	
RECEIVED DEC 11 2019 DART AEROSPACE LTD.			
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>DEC 10 2019</u> Certified Signature: <u>/</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Made in Canada.			



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919190

Date: 10-Dec-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
Made in Canada.		